

Appl.No. 10/707,949
Amdt. dated August 02, 2005
Reply to Office action of May 19, 2005

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A digital image capturing apparatus comprising:

- a housing;
- 5 a first hole installed on the front side of the housing for inputting light from the front;
- a second hole installed on the rear side of the housing for inputting light from the rear;
- 10 a reflector module installed in the housing for reflecting the light input from the first hole or the second hole[[]], the reflector module comprising:
 - a pedestal turning on a second axis;
 - a reflector installed on a side of the pedestal for reflecting the light from the first hole or the second hole to the photosensor; and
 - a strobe installed on the pedestal and capable of turning along with the
 - 15 pedestal for providing a light source necessary for the digital image capturing apparatus;
- a photosensor installed in the housing for sensing the light from the reflector module; and
- 20 an image generating module installed in the housing for generating an image according to the light sensed by the photosensor.

25 Claim 2 (original): The digital image capturing apparatus of claim 1, further comprising a lens group installed between the reflector module and the photosensor for focusing the light from the reflector module onto the photosensor.

Claim 3 (original): The digital image capturing apparatus of claim 1, further comprising a first lens group installed between the first hole and the reflector module for focusing the light from the first hole onto the photosensor, and a second lens group installed between

Appl.No. 10/707,949
Amdt. dated August 02, 2005
Reply to Office action of May 19, 2005

the second hole and the reflector module for focusing the light from the second hole onto the photosensor.

Claim 4 (withdrawn): The digital image capturing apparatus of claim 1, wherein the
5 reflector module comprises:

- a pedestal turning on a first axis;
- a first reflector installed on a first side of the pedestal for reflecting the light from the first hole to the photosensor;
- a second reflector installed on a second side of the pedestal for reflecting the
10 light from the second hole to the photosensor; and
- a strobe installed between the front side of the pedestal and the second reflector being capable of turning along with the pedestal, for providing a light source necessary for the digital image capturing apparatus.

15 Claim 5 (withdrawn): The digital image capturing apparatus of claim 4, wherein the first axis is perpendicular to the pedestal.

Claim 6 (withdrawn): The digital image capturing apparatus of claim 4, wherein the normal lines of the first reflector and the second reflector cross at right angles.
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Claim 7 (cancelled)

Claim 8 (currently amended): The digital image capturing apparatus of claim ~~[[7]]~~ 1, wherein the acute angle formed by the second axis and the normal line of the reflector is
25 45 degrees.

Claim 9 (withdrawn): The digital image capturing apparatus of claim 1, wherein the reflector module comprises:

Appl.No. 10/707,949
Amdt. dated August 02, 2005
Reply to Office action of May 19, 2005

a reflector turning on a third axis;
a first strobe installed on the front side of the pedestal for providing a light
source necessary for the digital image capturing apparatus when the
reflector turns to a direction for reflecting the light from the first hole; and
5 a second strobe installed on the rear side of the pedestal for providing a light
source necessary for the digital image capturing apparatus when the
reflector turns to a direction for reflecting the light from the second hole.

Claim 10 (withdrawn): The digital image capturing apparatus of claim 9, wherein the
10 third axis is perpendicular to the normal line of the reflector.

Claim 11 (withdrawn): The digital image capturing apparatus of claim 1, wherein the
reflector module comprises:

a first reflector and a second reflector aligned on a line with their normal lines
15 crossing at right angles;
a first strobe installed in the housing for providing a light source necessary for
the digital image capturing apparatus when the first reflector turns to a
direction for reflecting the light from the first hole to the photosensor; and
a second strobe installed in the housing for providing a light source necessary
20 for the digital image capturing apparatus when the second reflector turns to
a direction for reflecting the light from the second hole to the photosensor,
wherein the two reflectors and the two strobes can move up and down toward the
photosensor, in order to receive the light from the first reflector or the second
reflector.

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Claim 12 (original): The digital image capturing apparatus of claim 1, wherein both the
first hole and the second hole are installed with a transparent material.

Appl.No. 10/707,949
Amdt. dated August 02, 2005
Reply to Office action of May 19, 2005

Claim 13 (original): The digital image capturing apparatus of claim 1 being a digital camera or a digital camcorder.

Claim 14 (currently amended): A digital image capturing apparatus comprising:

- 5 a housing;
 a lens installed on the housing, being capable of moving back and forth, for
 inputting light from the front or from the rear of the housing;
 a reflector module installed in the housing for reflecting the light input from the
 lens[[:]] , the reflector module comprising:
10 a pedestal turning on a fourth axis;
 a reflector installed on a side of the pedestal for reflecting the light from
 the lens to the photosensor; and
 a strobe installed on the pedestal and capable of turning along with the
 pedestal for providing a light source necessary to the digital image
15 capturing apparatus;
 a photosensor installed in the housing for sensing the light from the reflector
 module; and
 an image generating module installed in the housing for generating an image
 according to the light sensed by the photosensor.

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Claim 15 (original): The digital image capturing apparatus of claim 14, further comprising a lens group installed between the reflector module and the photosensor for focusing the light from the reflector module onto the photosensor.

- 25 Claim 16 (original): The digital image capturing apparatus of claim 14, wherein the reflector module is installed in the housing and is capable of moving along with the lens.

Claim 17 (cancelled)

Appl.No. 10/707,949
Amdt. dated August 02, 2005
Reply to Office action of May 19, 2005

Claim 18 (currently amended): The digital image capturing apparatus of claim ~~[[17]]~~ 14, wherein the acute angle formed by the fourth axis and the normal line of the reflector is 45 degrees.

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Claim 19 (withdrawn): The digital image capturing apparatus of claim 14, wherein the reflector module comprises:

a first reflector and a second reflector aligned on a line with their normal lines crossing at right angles;

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a first strobe installed in the housing for providing a light source necessary for the digital image capturing apparatus when the first reflector turns to a direction for reflecting the light from the lens to the photosensor; and

a second strobe installed in the housing for providing a light source necessary for the digital image capturing apparatus when the second reflector turns to

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a direction for reflecting the light from the lens to the photosensor, wherein the two reflectors and the two strobes can move up and down toward the photosensor in order to reflect the light from the lens.

Claim 20 (original): The digital image capturing apparatus of claim 14 being a digital camera or a digital camcorder.

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Claim 21-22 (cancelled)

Claim 23 (new): The digital image capturing apparatus of claim 1, wherein the second axis is perpendicular to a shortest line connecting the front side of the housing to the rear side of the housing.

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Claim 24 (new): The digital image capturing apparatus of claim 23, wherein an angle

Appl.No. 10/707,949

Amdt. dated August 02, 2005

Reply to Office action of May 19, 2005

formed by the second axis and a normal line of the reflector is 45 degrees, and an angle formed by the second axis and a line along which the strobe is aimed is 90 degrees.

5 Claim 25 (new): The digital image capturing apparatus of claim 14, wherein the second axis is perpendicular to a shortest line connecting the front side of the housing to the rear side of the housing.

10 Claim 26 (new): The digital image capturing apparatus of claim 25, wherein an angle formed by the second axis and a normal line of the reflector is 45 degrees, and an angle formed by the second axis and a line along which the strobe is aimed is 90 degrees.